

1/11

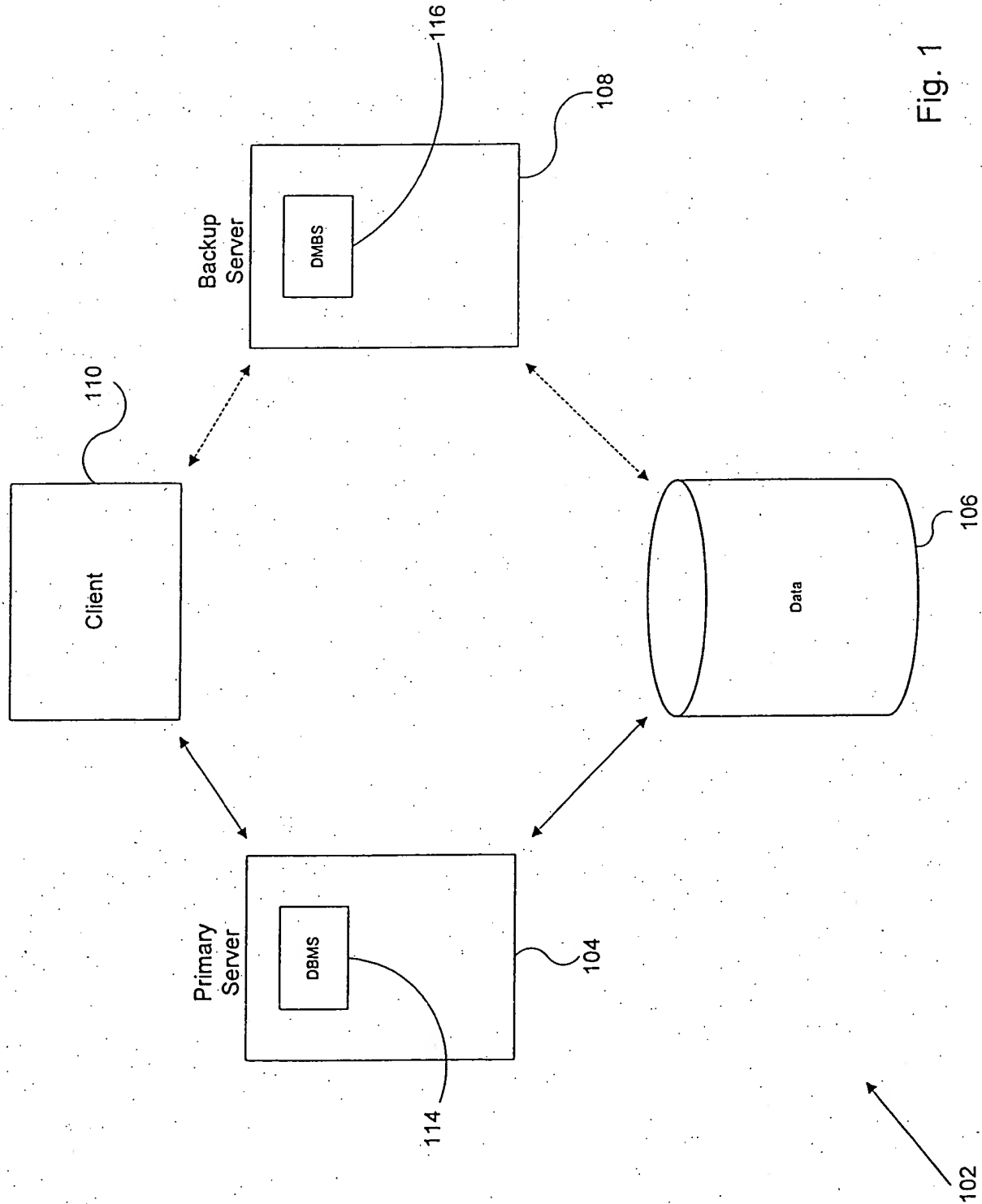
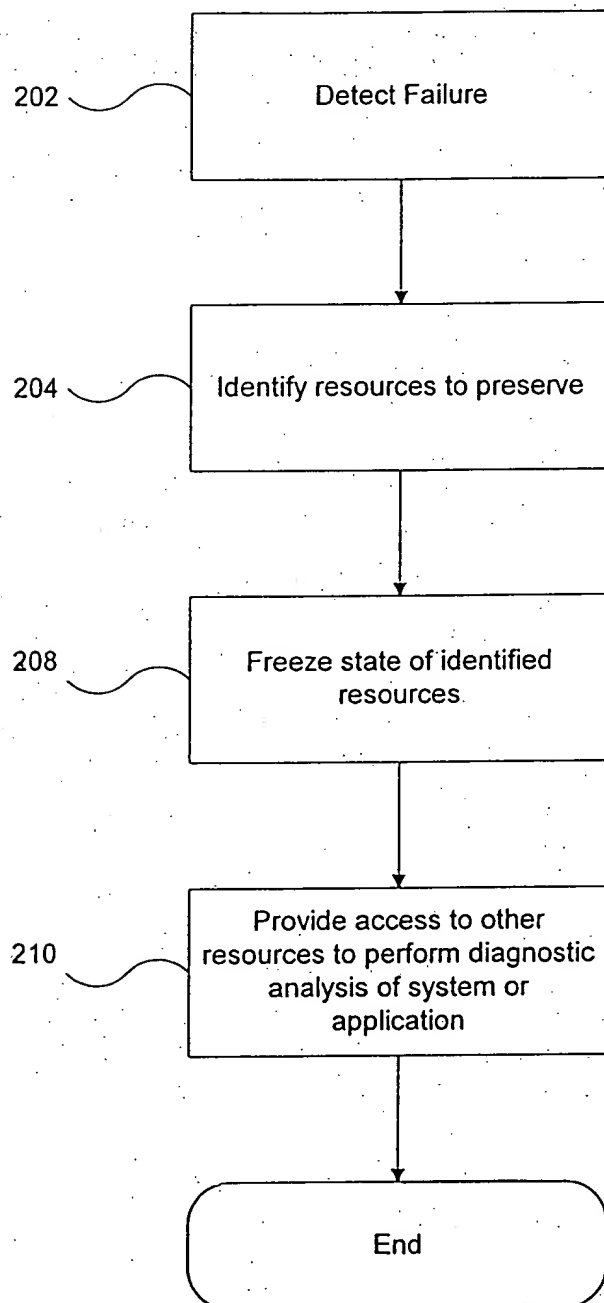


Fig. 1

2/11

Fig. 2



3/11

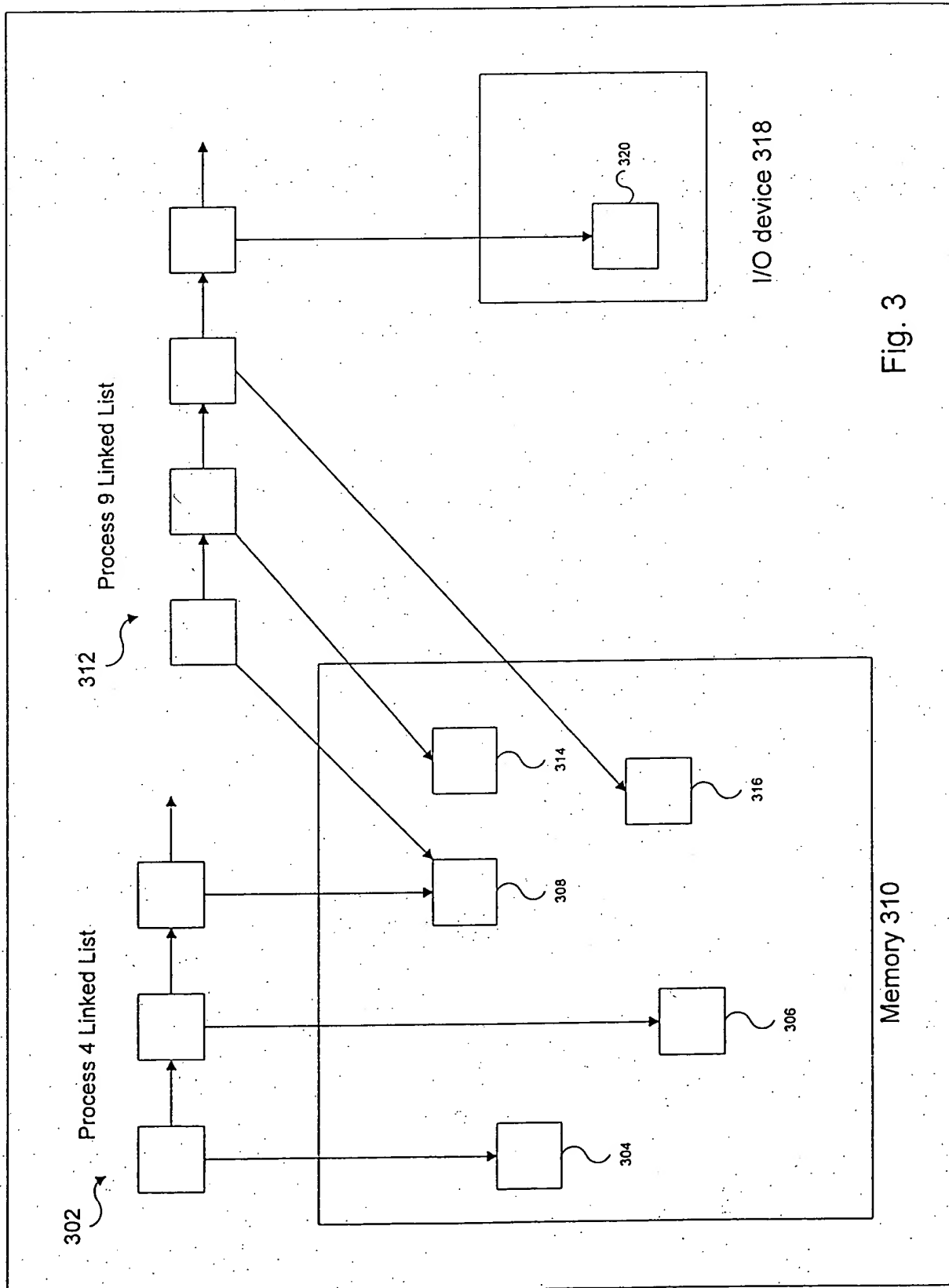


Fig. 3

4/11

	Process Type	Process IDs
402	OS Processes	Process 0, Process 1 Process 10
404	Database Application Processes	Process 2, Process 3, Process 4, Process 7, Process 8
406	Oracle Database Application Processes	Process 2, Process 3, Process 4
	Acme Database Application Processes	Process 7, Process 8
408	I/O Application Processes	Process 9, Process 11
	Communications Application Processes	Process 6, Process 12
	.	.
	.	.
	.	.

400

Fig. 4

5/11

	<u>Failure Type</u>	<u>Processes to suspend</u>
502	Database application Failure	Database application processes
504	Database application failure with DB I/O operation failure	Database application processes; I/O processes
	Failure type 3	Communications processes
	Failure type 4	Operating system processes
	• • •	• • •

500

Fig. 5

6/11

<u>Failure Type</u>	<u>Processes to suspend</u>	<u>Resources to state freeze</u>
Database application Failure	Database application processes	Resources associated with database application processes
Database application failure with DB I/O operation failure	Database application processes; I/O processes	Resources associated with database application processes; resources associated with I/O processes
Failure type 3	Communications processes	Resources associated with communications processes
Failure type 4	Operating system processes	Resources associated with operating system processes
• • •	• • •	• • •

Fig. 6

604

600

7/11

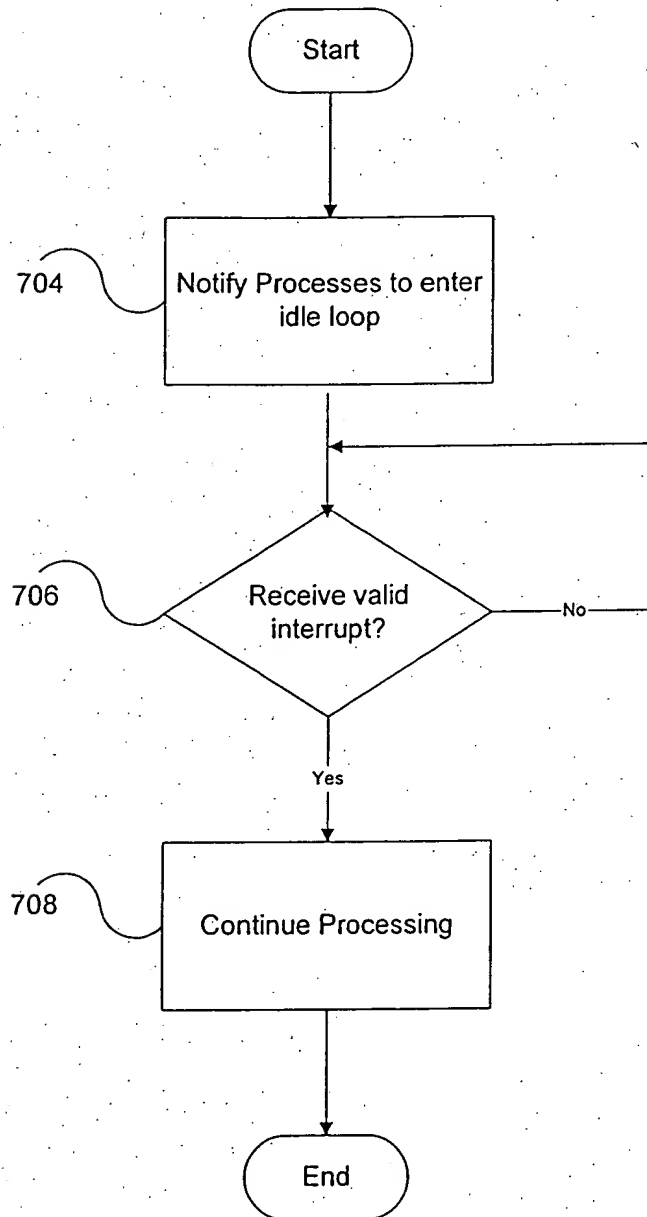


Fig. 7

8/11

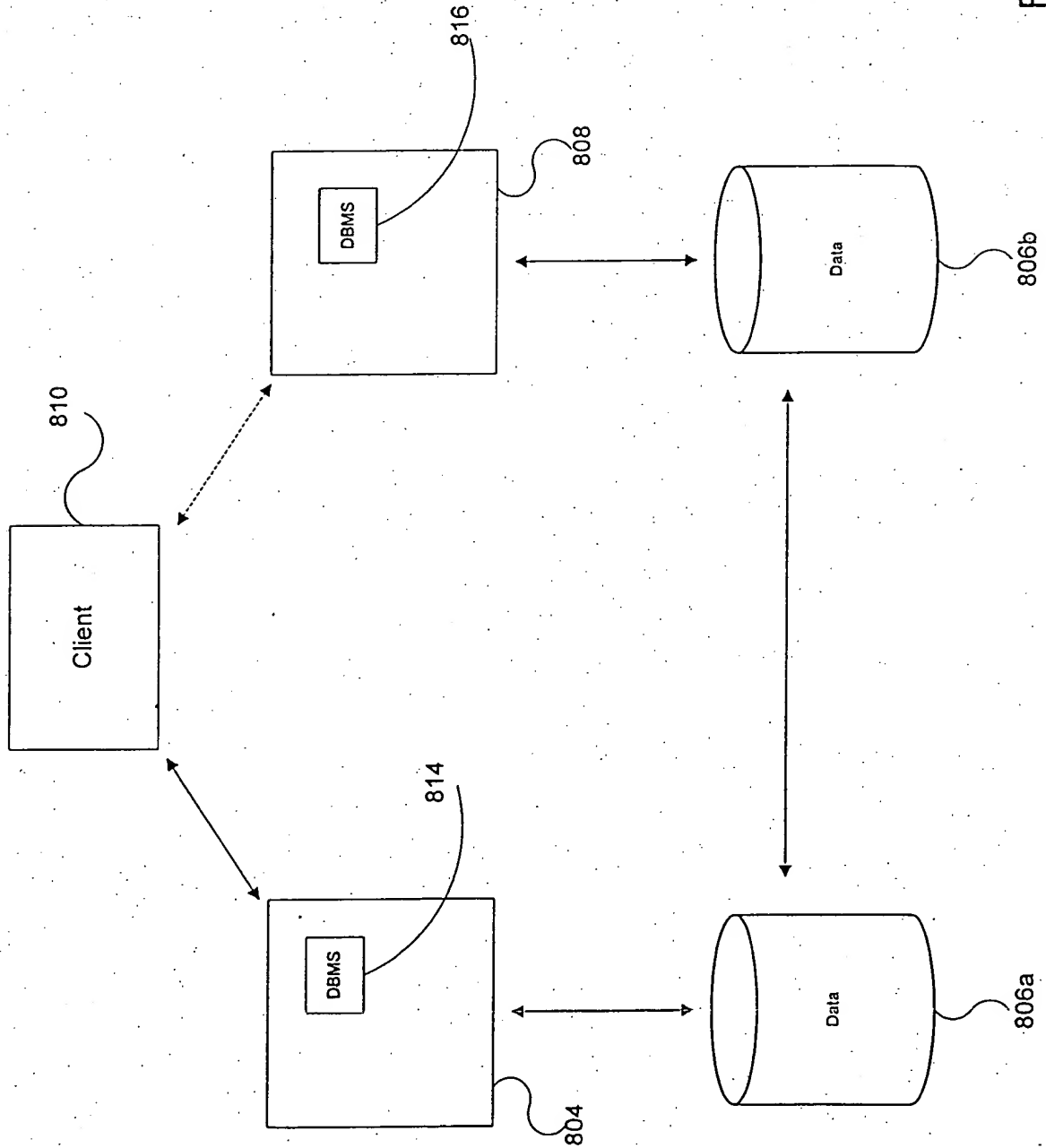


Fig. 8

9/11

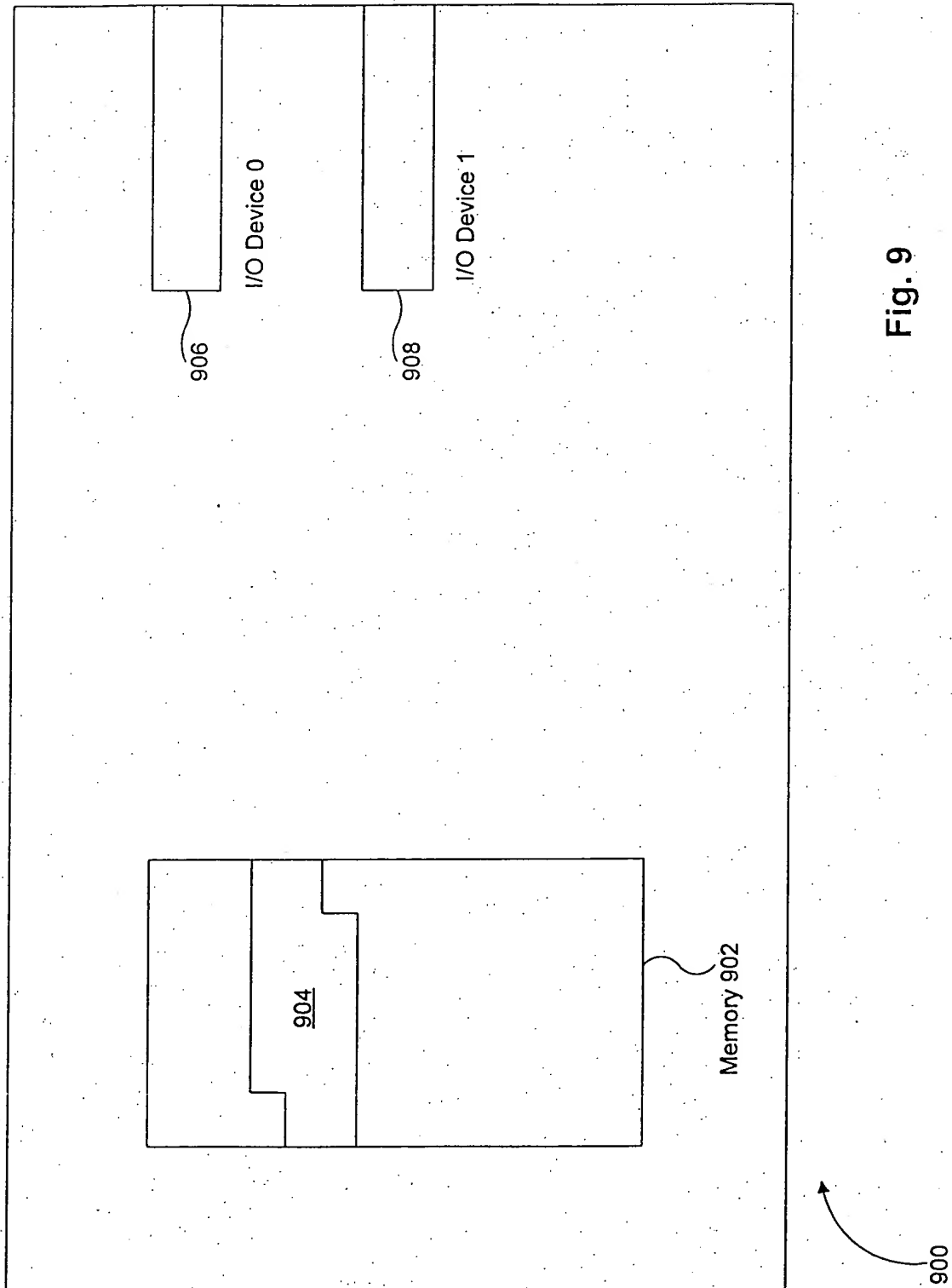
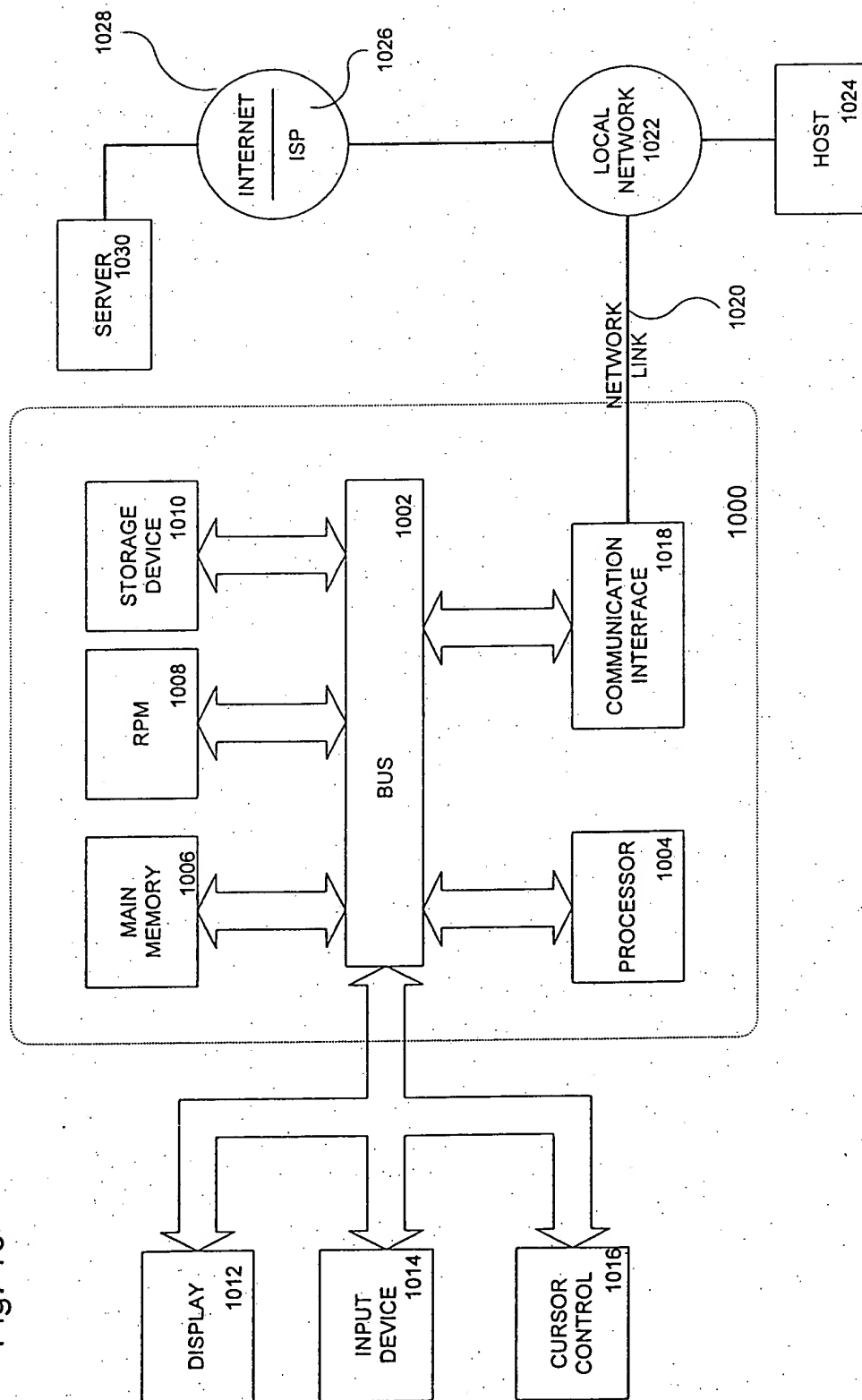


Fig. 9

10/11

Fig. 10



11/11

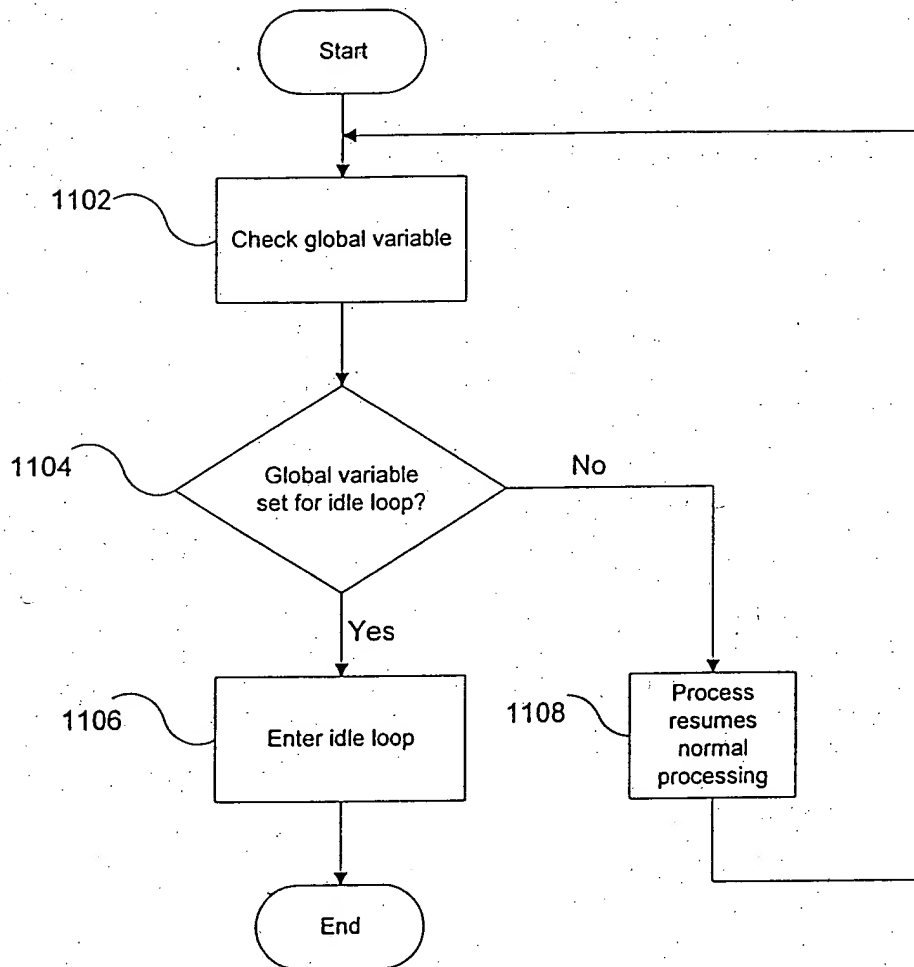


Fig. 11